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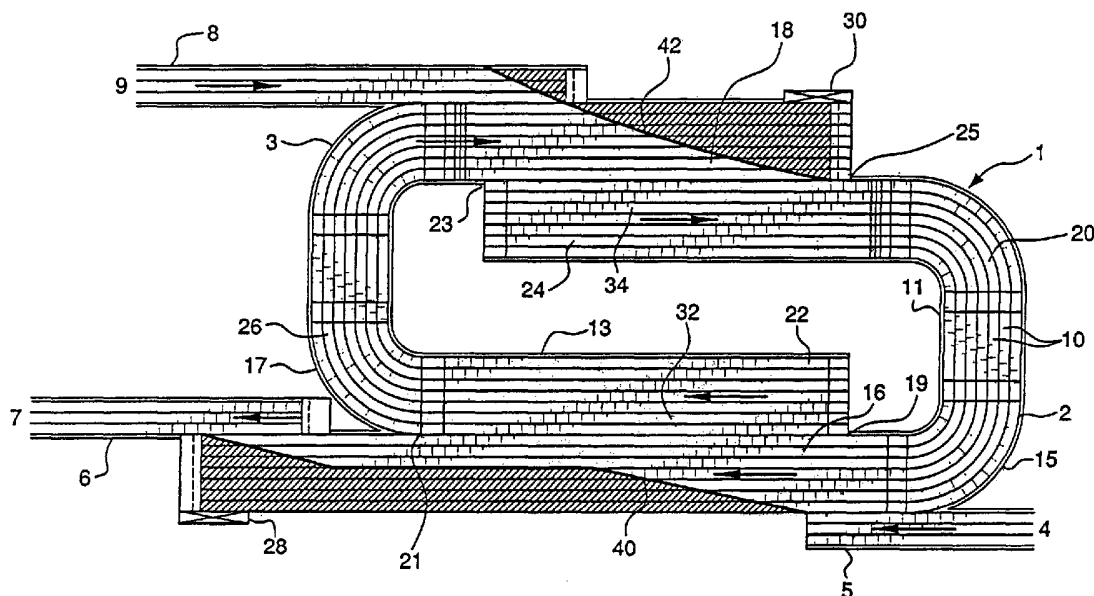
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(54) Title: DUAL CONVEYOR PRODUCT CONVEYING AND ACCUMULATION SYSTEM



(57) Abstract: A product conveying and accumulation system (1) employs at least one product delivery conveyor which transports products from an upstream location (4) and another conveyor which delivers products to a downstream location (7). Dual U-shaped accumulator conveyors (2, 3) in the system (1) are positioned to accept upstream products from the delivery conveyors and to transport the products to the downstream conveyor. The dual conveyors each have straightaway conveyor sections (16, 18) which are aligned parallel to each other. Accumulator sections are formed at these parallel alignments. In one configuration, the two straightaway sections (16, 18) of one of the dual conveyors (2, 3) are parallel to and in adjacent alignment with the straightaway sections of the other of the dual conveyors.

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INTERNATIONAL SEARCH REPORT

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CLASSIFICATION OF SUBJECT MATTER

IPC: B65G 37/00(2006.01)

USPC: 198/347.1,347.4

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 198/347.1, 347.4

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
None

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
None

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,550,602 B2 (Steeber et al.) 22 April 2003 (23.04.2003). ✓	
A	US 6,575,287 B2 (Garvey et al.) 10 June 2003 (10.06.2003). ✓	
A	US 6,612,425 B1 (Garvey) 02 September 2003 (02.09.2003). ✓	
A	US 6,648,124 B1 (Garvey) 18 November 2003 (18.11.2003). ✓	
A	US 6,725,998 B2 (Steeber et al.) 27 April 2004 (27.04.2004). ✓	

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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